



**Request for Expressions of Interest
to find a
Solar Energy Engineering and Installation Partner**

Issue Date: November 25, 2019
Submission Deadline: December 8, 2019

INTRODUCTION

Earlier this year, Klondike Development Organization completed early stage financial feasibility work for an IPP solar power generation project in Dawson City, and we are now ready to proceed through the next steps towards making the project happen. KDO is looking to initiate a small pilot project of 250 KW (0.25 MW) during the summer of 2020.

KDO seeks an experienced solar industry partner to assist us in satisfying Yukon Energy's IPP pre-application process eligibility requirements and completing initial technical feasibility work that will then enable us to complete site selection, a full application to the utility and access financing. This may include photovoltaic array design, grid interconnection planning, and if successful, product sourcing and project installation.

THE OPPORTUNITY

In January 2019, Government of Yukon implemented its Independent Power Production Policy (IPP) that for the first time enables the private sector to sell power to the grid. Yukon Energy has since issued a Standing Offer to purchase up to 20,000 megawatt hours/year across its system on a first-come first-served basis. The power must be renewable, which includes solar, and would be priced at \$0.1584/kilowatt hour (plus CPI adjustments) and the agreement could last up to 25 years.

Solar Energy Potential

The Yukon Energy 2016 Resource Plan assessed solar potential across the Yukon and Dawson is the best location for energy yield. 250 KW of installed capacity could produce up to 300 megawatt hours/year of clean energy.

Up to 7 MW of solar capacity would be needed to meet all of Dawson's residential energy demand from locally produced clean energy. However, given the land and capital investment requirements and the complexity of the new IPP process, a small pilot project of 250 KW (0.25 MW) is recommended to validate our business model before considering a long-term plan and potential expansion.

Our Goals

The community and economic benefits to Dawson from the development and operation of a solar renewable energy social enterprise by KDO would include:

- Enabling Dawson City to contribute to progressive, 'clean' energy solutions while providing grid capacity locally
- Increasing our community's self-reliance
- Building skills and capacity for local businesses and workers in a growing sector
- Generating revenues to support KDO's other community and economic development work and reduce reliance on grant funding

ABOUT KDO

Klondike Development Organization is a community-based not-for-profit social enterprise. It was formed as a partnership of City of Dawson, Dawson City Chamber of Commerce, Klondike Visitors Association, Dawson City Arts Society and Chief Isaac Incorporated, the development corporation of the Tr'ondëk Hwëch'in.

Current KDO Activities

One of KDO's areas of focus has been to alleviate the rental housing shortage in our community. We have now built and operate two 8 unit rental apartment complexes for a total of over \$3 million invested through a combination of debt and grant equity financing. These assets and our capital project experience position us well to diversify into independent power production.

KDO also continues to engage with partners to find solutions to local problems, to encourage investment in Dawson City, and deliver community and economic development projects.

Our Vision

A resilient Klondike where highly engaged citizens, networks and organizations collaborate to build a sustainable economy.

Our website hosts further information about our organization and our projects:

<http://www.klondikedevlopment.com>

SUBMISSION REQUIREMENTS

Please submit information about you and your company, including a list of past projects, team and qualifications. Please demonstrate your understanding of our capacity and partnership needs and your past experience in assisting community enterprises to develop energy projects in the Yukon.

Feel free to give our Project Manager a call to discuss the project and gather more information prior to submitting. Strong communication skills and common goals with our partner will be critical to success and will be highly valued in our choice of partner.

SUBMISSION DEADLINE

Please submit a written response to this request for expressions of interest by email prior to midnight, December 8, 2019.

CONTACT

Please contact Evelyn Pollock, Project Manager
867-993-4431 (office) or 867-993-3531 (cell)
Klondikedevlopment@gmail.com

NEXT STEPS

KDO will assess qualifications and overall 'fit' of companies expressing interest in terms of the scope and nature of the project.